

Jennings named chairman in art

Charles W. Jennings, a member of the faculty since 1968, is the new chairman of the Art and Design Department. He succeeds Robert G. Reynolds, who returned to full-time teaching.

Jennings, who has served as interim department head since March, earned an undergraduate degree in painting and drawing from Wheaton College in Illinois, and advanced degrees in design and fine arts from Northern Illinois University. He served as a graduate assistant at the latter school before joining the Cal Poly faculty.

Since '72 Jennings has directed numerous student field trips to design-related studios and agencies in the Los Angeles, San Francisco, and San Luis Obispo areas.

As an artist he has exhibited in shows in San Diego, La Jolla, San Luis Obispo, Oxnard, Cambria, Morro Bay, and Chicago.

Jennings received a fine arts commission from Security Pacific Bank in 1982, and his work has been part of the national collection of the National Air and Space Museum of the Smithsonian Institution in Washington, D.C., since 1976.

'Islam' lecture series planned

Five distinguished scholars of Islam, comparative religion, and Middle Eastern history and politics will present a series of talks at Cal Poly, and in the San Luis Obispo community from Jan. 15 through March. 5.

The program, "Ideals and Realities: Islam and Contemporary America," is being sponsored by

the School of Liberal Arts and the Philosophy Department. It is being underwritten by the California Council for the Humanities through a humanities and contemporary issues grant. Judy D. Saltzman of the Philosophy Department is coordinating the program.

In addition to the Cal Poly lectures, there will be five Thursday evening programs hosted by Congregation Beth David, 2932 Augusta St., San Luis Obispo, as part of their adult education program and in conjunction with the CCH grant.

The Cal Poly series will begin on Thursday, Jan. 15, with Dr. Juan E. Campo of the Religious Studies faculty at UCSB.

His talk at 11 am in UU 220 will focus on "Architecture and the Islamic Language of Space: When the Near East Meets the Far West."

In his Thursday evening talk at Congregation Beth David the UCSB professor will discuss "Images of Religious Diversity in California." The program, which will begin at 7:30 pm, will conclude with an informal discussion on comparative religion.

Other speakers, topics, and dates include: Dr. Afaf Marsot of UCLA, "Islamic Fundamentalism: Reform or Revolution?" on Jan. 30; Dr. Nancy Gallagher of UCSB, "Sacred Rage: Militant Islam and the Middle East" on Feb. 5; Dr. Hamid Algar of UC Berkeley, "The Islamic Revolution of Iran, and Its Global Reverberations" on Feb. 19; and Dr. Nikki Keddie of UCLA, "Women, Religion and Politics Since the Iranian Revolution" on March 5.

There will be a variation in topics for the 7:30 pm Thursday evening lectures at Congregation Beth David. All meetings are free, and the public is welcome.

Sales of new book will help center

The El Corral Bookstore has received shipment of a new book, "In Fond Remembrance," by Jim Brock of Oxnard, a former student, long-time friend, and generous donor to Cal Poly.

This autobiography explores the author's early days in Ventura County and his many years as a leader in the Southern California vegetable production and distribution industry. It also details his role in establishment of the Brock Center for Agricultural Education, which is based in Cal Poly's Journalism Department.

All proceeds from the sale of "In Fond Remembrance," which is displayed in El Corral's General Book Department, will be donated to the center.

Multi-Cultural Center celebrates fifth year

Cal Poly's Multi-Cultural Center is celebrating its fifth anniversary with an open house from noon to 4 pm, Thursday, Jan. 15, at the Center in UU 217-D.

Everyone is invited to sample ethnic hors d'oeuvres provided by the 20 cultural clubs on campus.

The Multi-Cultural Center officially opened its doors January 15, 1982, the birthday of Dr. Martin Luther King Jr. The date was chosen to commemorate King's devotion to racial and cultural understanding.

The student-run, student-supported center has information on ethnic and international issues and on culturally related events.

The center is a service of the Associated Students Inc. and the Student Life and Activities Office.

Watercolor exhibit planned for library

The sixth annual exhibition of watercolor paintings by Vern Swansen will run through Jan. 31 in the rear gallery of the Robert E. Kennedy Library.

Eighty paintings, encompassing a year's work, make up the display titled, "Doors of the Aegean."

Swansen, an artist and architectural historian, is a member of the Architecture Department faculty. The theme of the exhibition concerns views of the Aegean Sea as seen through doorways on the Greek Islands.

A series of 40 watercolors painted in Athens this past summer is in a surrealistic vein whereby doors which appear to have been man-made take on human characteristics and are depicted in human-like situations.

Los Angeles guitar quartet to perform

The Los Angeles Guitar Quartet will appear at the Cal Poly Theatre on Saturday, Jan. 10, at 8 pm.

With a repertoire that runs the gamut from Renaissance dance to fiery Spanish ballets, and from noble Baroque concertos to groundbreaking contemporary works, the quartet presents programs that consistently enthrall guitar aficionados and general audiences alike. The group played at the 1985 Mozart Festival.

The four members of the quartet (Anisa Angarola, John Dearman, William Kanengiser, and Scott Tennant) joined forces in 1979 at the University of Southern California. Each has been recognized as a talented soloist and all were chosen by nationwide audition to perform in the historic Andres Segovia Master Class at USC in 1981.

For their Cal Poly concert the quartet has chosen to play Three Pieces from the "First Booke of Consort Lessons" by Thomas

Morley; Symphony No. 27 in G Major by W.A. Mozart; "Simple Gifts" and "Hoedown" by Aaron Copland; Quartet for Guitars by Paul Drescher; and "El Amor Brujo" by Manuel de Falla.

Reserved-seat tickets for the Jan. 10 concert, which is part of the Quintessence Series, are \$10 and \$8 for the public, and \$6 for students. They can be purchased at the Theatre Ticket Office between 10 am and 4 pm Monday - Friday.



Goat needed for theatre production

If you've got a goat, the Cal Poly Theatre and Dance Department wants to make it a star.

On Feb. 26-28 the department will present the prize-winning American comedy, "The Teahouse of the August Moon." A goat is needed to play a pivotal role in this comedy about the Americanization of Okinawa following World War II.

For goat owners this is an opportunity to make their pet just as famous as Sandy, the dog in the musical comedy "Annie."

Roger Kenvin, director of the production, is looking for a small, friendly goat that isn't likely to butt any of the cast members around in an attempt to take center stage. It is anticipated that the goat chosen will be needed for at least one week including rehearsals and performances.

Persons wishing to have their goats considered should bring them to the goat auditions on Saturday, Jan. 24, from 10:30 to 11:30 am in the amphitheatre adjacent to the Cal Poly Theatre.

For more information telephone Kenvin at ext. 1465.

Native Americans

A program for those of Native American descent is available through the Candelaria American Indian Council. The services include: Job Finding Assistance, Drug/Alcohol Rehab Programs, Indian Health/Dental, Training/Education Programs, Counseling and Support Groups, Indian Colleges/Scholarships/Grants Information, and Bureau of Indian Affairs (B.I.A.) Information. If you are of Native American descent (Indian, Alaskan, Hawaiian) and would like to know more about Candelaria's services, please call Angela Hamilton or Smiley Wilkins, Affirmative Action Office, at ext. 2062.

Craig Russell will perform on Jan. 17

Music professor Craig Russell will appear in a concert of early music playing the lute, classical guitar, and Baroque guitar at 8 pm on Saturday, Jan. 17, in the Cal Poly Theatre.

Dr. Russell's concert will consist of works from early 1500s to the middle 1700s, many of which he discovered while doing research in Spain and France last year.

Special guests for the concert will be soprano Jill Anderson and harpist Jennifer Sayre.

Anderson, who holds a doctorate in music and voice from USC, is a part-time faculty member in the Music Department and is the founder and director of Qualche Voce, a five-member vocal chamber ensemble.

Sayre, who will be featured on several harp numbers, is a well-known artist and is the harpist with the SLO County Symphony Orchestra.

Tickets for the recital are \$5 for the public and \$3 for students. They can be purchased on campus at the Theatre Ticket Office or the UU Ticket Office. Both will be open from 10 am to 4 pm, Monday-Friday. Reservations can be made by telephoning ext. 1421.

Senior project, term paper clinics

The Reference Department of the Kennedy Library will offer one-hour sessions to aid students in using the library for senior projects and term papers. The sessions will begin the second week of classes in Winter Quarter and will be held in Library 202.

The students will be taught search strategy and library sources to use to find journal articles, books, reports, reviews, proceedings, and government documents. Instruction for obtaining the above items in the Cal Poly library or other libraries through interlibrary loan will be covered. Library requirements for senior projects will be explained. Handouts will accompany the talks.

A special session on computer searching for journal articles, books, and other library materials will be presented after the series of regular sessions.

For further information about the sessions, contact Eileen Pritchard at ext. 2649.

Statistics Dept. will offer consulting service

The Statistics Department provides a statistical consulting service to the university to facilitate research design and data analysis in a wide variety of disciplines. This service will continue during Winter Quarter.

Dr. Robert K. Smidt will be serving as the principal consultant. He is available to help in design and analysis of faculty and student research projects. In addition, he will be available to lead seminars or tutorials on requested topics and offer advice on various computer packages currently available at Cal Poly. If there is some special area concerning statistical inference that is of interest to a group in your department, feel free to contact him to arrange possible lectures on that subject.

Faculty members or students interested in utilizing the consulting service are encouraged to contact Smidt, Computer Science Bldg., Room 204, ext. 2001 or leave message at ext 2709.

Walk-in Consulting Hours:

Monday 10:10-11 am
Wednesday .. 11:10-noon & 2:40-3:30 pm

Office Hour for Students

Monday 11:10-noon
Wednesday ... 10:10-11 am, 1:40-2:30 pm

Consulting by Appointment

Appointments may be scheduled by calling during walk-in consulting hours or during office hours for students.

\$300,000 raised to aid computers

Cal Poly has raised more than \$300,000 in cash, half of it from the Ralph M. Parsons Foundation of Los Angeles, to install, maintain, and enhance instructional computer systems.

The money is being used for installation, maintenance, and expansion of the capacity of three powerful computers essential to Cal Poly's instructional programs in engineering and computing — one used primarily in computer science, one by various engineering disciplines, and the third by the interdisciplinary computer-aided productivity program.

The Parsons Foundation began the campaign with a \$150,000 "challenge grant" — it would donate that amount if the university raised money to match it.

The goal was reached, and exceeded, with 19 other corporate and foundation donations and one from an individual. A total of \$306,750 was raised.

CPR

Cal Poly Report is published weekly during the academic year by the Public Affairs Office. Typewritten, double-spaced copy may be submitted *Cal Poly Report* by 4 pm the Thursday prior to the next publication.

Temporary Student ID is changed

Beginning Winter Quarter there will be a change in the type of temporary ID used by students. The current "gold" paper temporary ID will be replaced by a plastic-type transparency. This will be more convenient to the student requiring one less form to fill out and it should better withstand the constant use while the student is waiting for his/her photo ID. The "Void After" date will always be the last day of the current quarter.

The change will not apply to new faculty and staff. They will continue to obtain a temporary ID from the Personnel Office.

If you have any questions, please contact the Photo ID Office at ext. 2614 or ext. 1521.

Hours set for photo ID services

During Winter Quarter, photo ID services will be available Monday through Friday, noon-4 pm in the Photo ID Office, 208 Admin. Students should first pay the \$5 fee at the state cashier's window, 131E Admin., and present the receipt to the photo ID staff. Upon completion of the photo, a temporary ID will be issued. Three to four weeks after the photo is taken, permanent ID cards will be available.

New faculty and staff should first obtain a temporary ID from the Personnel Office. The ID fee will be paid by the respective departments. After processing, faculty and staff cards will be sent to the Personnel Office for forwarding.

If you have any questions, please contact the Photo ID Office at ext. 2614 or ext. 1521.

Housing Information Center established

The Housing Information Center, located at the Housing Office, has information on rentals, sales, and sabbatical leave rentals in the San Luis Obispo area. In addition, information is available on professional property management firms, financing and buying housing.

Faculty are reminded that if they are going on sabbatical, the earlier they list their home for rent, the better chance they have of renting it to a new faculty member coming to campus. Requests are received frequently for sabbatical leave housing for winter, spring and summer, as well as for the academic year. Staff are reminded, too, that if they are going to be out of the area for an extended period and would like to rent their home to a fellow incoming faculty or staff member, they should be sure to list it at the Housing Office. Additional information and questions should be directed to the Housing Office, ext. 1225.

U.S. Constitution topic of series

A lecture series to mark the bicentennial anniversary of the adoption of the United States Constitution will be held at Cal Poly during Winter and Spring Quarters.

The program will be sponsored by the History and Political Science Departments and the School of Liberal Arts. It will be coordinated by Drs. Donald Grinde of the history faculty and Carl Lutrin of political science.

Grinde will open the series on Thursday, Jan. 15, with a lecture, "Iroquois Political Theory and the Origins of the U.S. Constitution." The talk will be held at 11 am in Ag 227.

The second lecture will be offered on Monday, Feb. 23, by Dr.

Gayle Binyon, director of the Southern California Chapter of the American Civil Liberties Union. Her topic will be "The American Civil Liberties Union and the Constitutional System." The 7:30 pm talk will be held in the San Luis Lounge.

The final program in the Winter Quarter will be presented on Thursday, March 5, by Dr. Patricia C. Cohen of UC Santa Barbara. The history professor will look at "Visions of Leadership and the Constitution" at 11 am in UU 207.

Two lectures are planned for the Spring Quarter segment of the Cal Poly series, and a special traveling exhibit, "American Life in 1790," will also be presented on campus. The exhibition is sponsored by the Smithsonian Institution of Washington, D.C.

Earthquake design expert to speak

Ways to strengthen buildings against earthquakes will be the topic of a Monday, Jan. 12, lecture by a San Francisco engineer and seismic-design expert.

Daniel Shapiro is to give his talk, titled "Seismic Rehabilitation of Existing Buildings," at 1:30 pm in the Gallery of the Architecture and Environmental Design Building.

A member of the Earthquake Engineering Research Institute, Shapiro has served on several national earthquake-safety panels. He is the president and principal engineer of the consulting structural engineering firm of Shapiro, Okino, Hom and Associates and has been part of the firm for more than two decades. In previous work with other firms, he held a variety of positions, including structural design and project management. The program is sponsored by the Architectural Engineering Department as part of its 1986-87 lecture series.

Electro-optics course offered

Cal Poly's first graduate course in electro-optics is being taught this quarter as part of the university's growing, interdisciplinary program in this rapidly expanding field.

The graduate course in electro-optics systems, taught by Professor Gary Granneman of the Engineering Technology Department, is added to five undergraduate lecture courses and two undergraduate laboratory courses already established. An additional lecture course in electro-optical engineering is to be added within the year.

Established by the Electronic and Electrical Engineering Department and the Physics Department, the program is one of about 40 such programs nationwide, but one of a minority at the undergraduate level. It was initiated by EL/EE Associate Professor Michael Wollman two years ago.

Five full-time faculty members now are involved in teaching electro-optics courses.

Cal Poly students were the first in the United States to form a student chapter of the international Society of Photo-Optical Instrumentation Engineers (SPIE), and last year the student group won a \$2,000 grant from the SPIE to develop its programs. It was one of only 12 educational grants made last year by the national organization and the only one to a student group.

The electro-optics program has extensive laboratory facilities for senior and special projects as well as formal laboratory courses. Within two years, a fully outfitted electro-optics laboratory is planned for the EL/EE Department.

Most of the funding for the laboratory must come from outside sources. More than \$34,000 in equipment grants has been received from Hewlett-Packard, Litton Guidance and Control Systems, Spectra Physics, Photodyne, and Corning Glass.

Flight simulation experts to meet

Experts in the technology of flight simulation will gather at Cal Poly next week, Jan. 12-16, for a conference on the state of this space-age art.

Flight Simulation Update 1987 is expected to draw about 90 participants from around the United States, including engineers, computer specialists, managers, sales people, and other representatives of corporations, airlines, government, the military and universities.

One purpose of the event is to give various professionals a comprehensive overview of the technology. A second aim is to provide simulation engineers a detailed update on the status of system design and applications.

Flight simulation technology uses full-size cockpit mock-ups, computers, and a variety of realistic effects to simulate — on the ground — the actions and sensations of flying an airplane.

The conference is jointly sponsored by the American Institute of Aeronautics and Astronautics, the State University of New York at Binghamton, and Cal Poly. SUNY Binghamton sponsored previous Flight Simulation Update conferences and has coordinated arrangements for this year's gathering.

Nicaraguan journalist on campus Jan. 12

Humberto Belli, former editorial page editor of the now defunct independent Nicaraguan daily newspaper *La Prensa* will be at Cal Poly on Monday, Jan. 12.

Staff and faculty members are invited to a lecture and reception for Belli at 3 pm in the Faculty/Staff Dining Room, where he will speak on "The Role of the University in the Revolution." The reception is sponsored by the History, Journalism, Political Science and

Social Sciences departments and the ASI Speaker's Forum. Refreshments will be served after the lecture.

The public is invited to an 8 pm presentation by Belli in Chumash Auditorium titled "Nicaragua in Revolution: Tropical Gulag or Egalitarian Paradise."

Belli was a member of the Sandinista movement for 10 years, until 1975. After the 1979 revolution, he worked for *La Prensa* with the imposition of total press censorship in March 1982, he moved to the United States, where he has spoken and written extensively on freedom of expression in his native country.

His writings have been published in Italy, England, Germany, Colombia and the United States. He is now an associate professor of sociology at the Franciscan University at Steubenville, Ohio.

Advance tickets for the evening lecture are \$3 for students and \$3.50 for the public — 50 cents more at the door. It is a presentation of the ASI Speakers Forum.

Voyager designer is Cal Poly alum

Burt Rutan, designer of the experimental airplane *Voyager*, is an alumnus of Cal Poly. He graduated in 1965 with an aeronautical engineering degree. *Voyager*, piloted by Burt's brother Dick and Jeana Yeager, completed its around the world journey on a single load of fuel on Dec. 23. The 25,000 mile trip was accomplished in nine days.

Donald R. Mash

Donald R. Mash, 63, a member of the Mechanical Engineering faculty for the past two years, died last month. He earned degrees from Carnegie Tech and Stanford, and was dean of Engineering at the University of Portland (Ore.).

Research center contributes \$25,000

The Santa Barbara Research Center has given \$25,000 to the School of Engineering as its annual contribution for participation in the school's Industrial Associates program.

The Engineering Technology and Industrial Engineering Departments each received \$7,500 of the donation, while \$10,000 was given to support activities that help the school's faculty members develop their professional expertise.

Chevron unit gives \$21,000

The computer science and management programs have been given \$21,000 by the Chevron Information Technology Co., a division of Chevron Industries.

The Computer Science Department received \$11,000. Two of the department's students received \$1,000 scholarships. The Management Department received a \$5,000 check for its concentration in management information systems. Five seniors in the management information systems program each received a \$600 Chevron scholarship.

Former librarian

Dorothy S. Wright, 85, Cal Poly's head librarian from the late 1940s until her retirement in 1966, died last month. Subsequent to her tenure at Cal Poly, Wright organized the Cuesta College library in 1967 and was that school's college librarian for several years. Donations can be made in her name to the Cuesta College Library, the San Luis Obispo Unitarian Fellowship, or the American Friends Service Committee.

Who, What When, Where

Gary Field, *Graphic Communication*, was recently elected a member of the Technical Association of the Graphic Arts (TAGA) delegation to the Inter Society Color Council (ISCC). The TAGA/ISCC delegation functions as a conduit for information on graphic arts color concerns from TAGA to ISCC, and also serves as a means of channeling information about the art, science, and technology of color from ISCC to TAGA.

Lynne Gamble, *Library*, presented a paper, "University Service: A New Dimension in Performance Appraisal for CSU Librarians," at the annual California Library Association Conference in Long Beach. She also was a speaker in the program, California Academic and Research Librarians—Contributed Papers, with her ACRL paper, "Assessing Collection Development Structure in a Small Academic Library."

Dave Snyder, *Admissions*, participated in a critique of the Educational Testing Services' study, "Testing Handicapped Students." The review, held at ETS Headquarters in Princeton, N.J., called together a nationwide group representing educational testing and research, disabled student services, and admission officials.

Paul Neel, *Architecture*, was awarded the Distinguished Service Citation, the highest honor bestowed by the California Council of The American Institute of Architects at the CCAIA's 41st annual Conference in Monterey. The award was given for Neel's continuing contributions to architecture as an educator and leader of the profession."

Donald R. Floyd, *Social Sciences*, was appointed governor of California for Pi Gamma Mu, the international honor society in social sciences, by the organization's president.

Rod Neubert and Laure C. Tartaglia, both *University Union*, worked with UC Davis and San Francisco State universities to produce a national conference on outdoor recreation. The conference had over 300 participants from throughout the United States and Canada.

Jim Greil, *Crop Science*, delivered a paper on "Aerial Drift Control and Computer Swath Pattern Analysis" at the Colorado Agricultural Aviation Association's meeting in Denver.

Alfred M. Bachman, *Mathematics*, spoke at the 27th annual Conference of the California Mathematics Council, Southern Section. The title of his talk was "Applications of Calculus to Business and Economic Problems That Will Motivate Your Students." The conference was held in Long Beach.

Hernan Castellano-Giron, *Foreign Languages*, published a review on *Poesias*, Volume I and II by Trinidad Sanchez Sr. and Trinidad Sanchez S.J. on *ViAztlán*, Volume 4, Number 4 (April-May 1986), pp 36-37.

Gary Field, *Graphic Communication*, had a paper, "Raw Materials Control for Printing," published in the July/August 1986 issue of *Professional Printer*.

Emile E. Attala, *Computer Science*, has received an award from an international society for his outstanding service to the organization. The Association for the Development of Computer-Based Instructional Systems surprised Attala with the award at its 28th International Conference, held recently in Washington, D.C. He was the only person to receive the Joan Lauer Hayes Award. Attala has been a member of the 17-year-old society since 1972 and served as its conference chairman from 1981 to 1983. He has been Cal Poly's representative to the organization for more than 10 years.

Abraham B. Shani, *Management*, presented a paper, "A Sociotechnical System Approach to High-Tech Design: Managing Conflict in a Semiconductor Company," and chaired a session titled, "Strategies and Techniques in Organization Development," at the Sixth Organization Development World Congress. The conference was held in Jerusalem, Israel.

A. Charles Crabb, *Crop Science*, was elected chairman of the Vertebrate Pest Council. The Vertebrate Pest Council is the sponsoring organization for the Vertebrate Pest Conference, an international meeting of experts in the field of vertebrate pest management. Crabb will be responsible for guiding the council through the 13th Vertebrate Pest Conference scheduled for March 1988.

John Adams, *Economics*, has been recently enrolled as a charter member of the National Association of Forensic Economists and is presently serving as a regional director for the Western Region in this new professional association.

David Schaffner, *Ag Management*, presented a paper, "Countervailing Power Revisited - Agricultural Bargaining Applied to the New Zealand Setting," at the annual meeting of the New Zealand Branch of the Australian Agricultural Economics Society held in Blenheim, New Zealand.

Michael Hordeski, *Electronic & Electrical Engineering*, had his book, "Microprocessors in Industry," chosen as the main selection for the Professional Mechanical Engineering Book Club.

William Howard, *City & Regional Planning*, has been elected chairman of the Small Town and Rural Planning Division of the American Planning Association for the period 1987-89.

Donald Lazere, *English*, conducted a full-day workshop on Critical Thinking at the National Council of Teachers of English convention in San Antonio.

A. Charles Crabb, *Crop Science*, was the co-author of a recently published Sugar Pea Pest Identification Manual. The manual is designed to aid growers on the California Central Coast in identifying common diseases and pests of sugar peas. The manual was the result of a cooperative project between the School of Agriculture and University of California Cooperative Extension. The original prototype of the manual was produced using a research grant awarded to Crabb by the School of Agriculture. The final publication was printed by the University of California Cooperative Extension Small Farm Center with some support from the private sector.

W. Mike Martin, *Architecture*, presented a paper, "A Beginning Course in Architectural Design, A Humanistic Approach," at the Associated Collegiate Schools of Architecture's West Central Regional Meeting at the University of Illinois in Urbana-Champaign. The topic of the conference was "Fostering Creativity in Architectural Education." Martin also has been appointed to a task force by the California Board of Architectural Examiners to develop an inter-development plan for future architecture professionals in the state of California.

Who, What, When, Where

William R. Backer, *Engineering Technology*, received the Educator of the Year award from the Los Angeles area Manufacturing Management Chapter of the Society of Manufacturing Engineers, an award presented to an outstanding individual who has made an impact in the manufacturing engineering educational community. The award was presented at a chapter meeting in Los Angeles.

Judy D. Saltzman, *Philosophy*, read a paper, "The Epekeina: Paul Natorp and Neoplatonism in Modern German Philosophy," in the Platonism and Neoplatonism Group of the American Academy of Religion national meeting at the Marriot Marquis Hotel in Atlanta.

Stephen H. Browne, *Speech Communication*, presented a paper, "Burke's 'Speech on Conciliation' and the Crisis in Whig Ideology," at the Speech Communication Association national convention in Chicago.

Michael L. Fahs, *Speech Communication*, presented a paper, "Coordinating Our Knowledge of Human Communication With Our Practice of Voir Dire: Concerns and Directions," at the Speech Communication Association national convention in Chicago.

David Henry, *Speech Communication*, presented two papers, "Rhetoric and Ideology in Defining the 'Crisis in Central America,'" and "The Debate at Charleston: A Re-Examination" for the Lincoln-Douglas Seminar at the Speech Communication Association national convention in Chicago. Henry was also elected to the nominating committee for the Public Address Interest Group.

Stephen Hockaday, *Civil and Environmental Engineering*, co-authored "An Analytical Method for Aircraft Collision Risk Estimation," an article published in the *British Journal of Transportation Research* (Vol. 20B, No. 5, 1986).

Joanne Beale Ruggles, *Art and Design*, is exhibiting work in Cal Print '86, a national juried exhibition of contemporary printmakers being hosted by the City of Irvine at the Irvine Fine Arts Center.

Mary Beth Armstrong, *Accounting*, had an article, "The Anderson Committee Report," published in the November 1986 issue of the *Social Accounting Monitor*.

William Boynton, *Accounting*, co-authored the microcomputer software, "AUDSAMP: Statistical Sampling Templates for LOTUS 1-2-3," published recently by John Wiley & Sons, Inc. to accompany the text *Modern Auditing* by the same authors.

John Robison, *Accounting*, co-authored an article, "Techniques to Avoid the Imposition of the Section 6672 Penalty on Officers of Bankrupt Corporations," accepted for publication in the March 1987 issue of *TAXES—The Tax Magazine*.

John Robison, *Accounting*, has been appointed associate editor of the *Journal of the American Taxation Association*.

Rudy Dressendorfer, *Physical Education and Recreation Administration*, published a study, "Attenuation of Exercise Training Effects in Patients Taking Beta Blockers During Early Cardiac Rehabilitation," in the November issue of the *American Heart Journal*.

Joe Grimes, *Computer Services*, will have an article, "Minicomputers," published in the *Encyclopedia of Physical Science and Technology*, April 1987.

Mark Shelton, *Crop Science*, presented a paper, "Thermal Requirements for Navel Orangeworm Development in Walnuts," to the national meeting of the Entomological Society of America in Reno.

Dateline. . . .

(\$) - Admission Charged

(!) - Admission Free

THURSDAY, JANUARY 8

Exhibit: Vern Swansen (Architecture) will display his watercolor "fantasy-scapes." Library Gallery. Continues through Jan. 31. (!)

Exhibit: "Art for Peace" features works of 36 American artists. UU Galerie. Continues through Feb. 8. (!)

FRIDAY, JANUARY 9

Exhibit: "Brazil 10" features works on paper. Dexter Art Gallery. Continues through Feb. 6. (!)

Women's Basketball: San Francisco State, Main Gym, 7:30 pm. (\$)

SATURDAY, JANUARY 10

Concert: The Los Angeles Guitar Quartet will perform as part of the Quintessence Series. Theatre, 8 pm. (\$)

MONDAY, JANUARY 12

Speaker: Dan Shapiro (Shapiro, Okino, Horn & Assoc.) will discuss "Seismic Rehabilitation of Existing Buildings." Sponsored by the Architectural Engineering Department. Arch. 105, 1:30 pm. (!)

THURSDAY, JANUARY 15

Speaker: Donald Grinde (History) will discuss "Iroquois Political Theory and the Origins of the U.S. Constitution." Ag. 227, 11 am. (!)

Speaker: James L. Meriam (UCSB) will discuss "Remarks on the Education of Engineers." Sponsored by the School of Engineering. Science B-5, 11 am. (!)

SATURDAY, JANUARY 17

Gymnastics: Towson State and South Utah State, Main Gym, 7:30 pm. (\$)

Concert: Craig Russell (Music) will perform in the Theatre. 8 pm. (\$)

Faculty vacancies

Candidates for positions on the faculty of the university are presently being sought, according to Jan Pieper, director of personnel and employee relations. Those interested in learning more about the positions are invited to contact the appropriate dean or department head. This university is subject to all laws governing Affirmative Action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act and the Rehabilitation Act of 1973. All interested persons are encouraged to apply.

CLOSING DATE: 1-30-87

Lecturer (part-time), salary commensurate with qualifications, experience and time base, Food Science and Nutrition. Part-time Spring Quarter 1987 to teach either the meat processing course or basic meat science laboratories, depending on qualifications. Candidates should have an M.S. degree in food or animal science and practical experience in manufacturing cured, cooked and sausage meats to teach processing course, or a B.S. degree and practical training in livestock slaughter and fresh meat curing to teach basic meat science laboratories.

CLOSING DATE: 2-3-87 or until filled

Lecturers (full-time), salary commensurate with qualifications and experience, Industrial Engineering. Two

positions for Spring Quarter only, starting March 30, 1987. Valued specialty capabilities: manufacturing engineering, engineering management, or service systems; instruction in many general industrial engineering fields at the bachelor's level. The equivalent to a master's degree is required. Apply to Donald E. Morgan, I.E. Department. Cal Poly's Industrial Engineering curriculum is accredited by ABET offering B.S. and M.S. degrees with nine full time faculty.

CLOSING DATE: 2-15-87

Tenure Track Position (contingent upon funding), Physical Education and Recreation Administration. Position available for 1987-88 academic year, beginning September 1987. Responsibilities include teacher education and professional preparation classes for physical education majors; and expertise in racquet sports, aerobic dance, rhythmic, or outdoor activities required. Doctorate in physical education and public school teaching experience required. Submit application, vita, official transcripts, and three letters of recommendation to Dwayne Head, PE/RA Department.

Lecturer (full-time; contingent upon funding), Physical Education and Recreation Administration. Position available in Recreation Administration Program for 1987-88 academic year. Teach courses in 2 of the following concentrations: private/commercial, therapeutic recreation, or programming/leadership. Competencies in outdoor activity courses (skiing, canoeing, windsurfing) desirable. Doctorate in recreation administration or related field and 2 years university teaching required. Submit application, vita, official transcripts, and 3 letters of recommendation to Dwayne Head, PE/RA Department.

CLOSING DATE: 2-15-87 or until filled

Tenure Track and Lecturer Positions (full-time), rank and salary commensurate with qualifications and experience, Accounting, available Fall 1987. Teaching responsibilities in undergraduate and MBA programs in managerial/cost and financial accounting. Doctorate with major in accounting required for tenure track appointment. MBA and certification required for lecturer appointment.

CLOSING DATE: 2-20-87

Lecturer(s) (full-time), salary commensurate with qualifications and experi-

ence, Landscape Architecture. Position(s) available for 1987-88 academic year. At least one degree in landscape architecture or in a related field or subject area required, with master's degree preferred. Qualified to teach in at least two of the following subject areas: a) planting design, irrigation design/water management; b) ecologically based landscape analysis, planning and site design; c) social behavioral factors related to urban and site design; d) computing applications, professional practice and/or construction; e) history and theory of design; f) graphic communication, along with some committee appointments and student advising.

CLOSING DATE: 3-1-87

Assistant/Associate Professor (tenure track) or Lecturer (full-time), salary commensurate with qualifications and experience, Home Economics. Position available September 1987 (pending authorization) in consumer education and family resource management. Duties and responsibilities include teaching consumer role of the family, management of family resources and undergraduate research projects; supervising consumer affairs internships. Teaching experience in another area of home economics desirable. For tenure track position, earned doctorate from an accredited college or university with specialization in the above areas, and at least one degree in home economics required. Prior full-time university experience in the above subject areas also required. For lectureship position, master's degree with above-listed specialization and experience required. Apply to Barbara Weber, Home Economics Department.

Tenure Track Position(s), rank and salary commensurate with qualifications and experience, Economics. Position(s) available for 1987-88 academic year. One position in one or more of the following fields: applied econometrics, economic forecasting, general economic theory, international economics and managerial economics. A second position may develop pending on retirement decision. A Ph.D. in economics is required. In addition, candidates for the rank of assistant professor should show promise of teaching excellence and scholarly publications. Candidates for the rank of professor or associate professor should have substantial scholarly achievements and a commitment to teaching excellence at both the undergraduate and graduate levels.

CLOSING DATE: 3-13-87

Lecturers (part-time), rank and salary commensurate with qualifications and experience, Landscape Architecture. Positions available for the 1987-88 academic year. Primary responsibilities are teaching in the core subject areas of design, construction, graphics, planting design/irrigation, professional practice, site analysis and/or computer applications. Must have degree in landscape architecture or in a related field or subject area with master's degree preferred.

CLOSING DATE: 3-31-87

Tenure Track Position, salary commensurate with qualifications and experience, Psychology and Human Development. Entry level position (contingent upon funding) available for 1987-88 academic year. Preference will be given to a Ph.D. psychologist with broad professional interests and the ability to provide a perspective in psychology that is consonant with the goals of a technical university. Candidates should have a strong background in developmental or clinical child psychology and be qualified to teach courses in introductory psychology, behavioral disorders in children and at least two of the following areas: learning and memory, experimental psychology, physiological psychology, and developmental psychology emphasizing any portion of the human life span.

CLOSING DATE: 4-10-87

Department Chairperson (tenure track), rank and salary commensurate with qualifications and experience, Civil and Environmental Engineering. Position available September 1987. Responsibilities are approximately 50% administrative and 50% teaching. Ph.D. in Civil and/or Environmental Engineering required; professional registration strongly desirable. Demonstrated leadership, industrial experience, graduate level teaching and program development experience is necessary.

Wage ceiling lifted

The Social Security tax rate will remain at 7.15 percent in 1987. However, the wage ceiling will be increased from \$42,000 to 43,800. That means that the maximum tax on employees will rise to \$3131.70, which is \$128.70 more than the 1986 top of \$3003.